

EXHIBIT B: Alignment of SEQ ID NO:61 and Sequence encoded by SEQ ID NO:1525 of Tang et al.

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#####
#
# Aligned_sequences: 2
# 1: SEQ ID NO:61
# 2: Tang Translation
# Matrix: EBLOSUM62
# Gap_penalty: 10.0
# Extend_penalty: 0.5
#
# Length: 226
# Identity:      149/226 (65.9%)
# Similarity:    155/226 (68.6%)
# Gaps:          47/226 (20.8%)
# Score: 759.5
#
#=====

SEQ ID NO:61:      1 MGWTMRLVTAALLLGLMMVVTGDEDENSPCAHEALLDEDTLFCQGLEVFY
50
                        |||
Tang Translation  1 MGWTMRLVTAALLLGLMMVVTGDEDENSPCAHEALLDEDTLFCQGLEVFY
50

SEQ ID NO:61:      51 PELGNIGCKVVPDCNNYRQKITSWMEPIVKFPGAVDGATYILVMVDPDAP
100
                        |||
Tang Translation  51 PELGNIGCKVVPDCNNYRQKITSWMEPIVKFPGAVDGATYILVMVDPDAP
100

SEQ ID NO:61:      101 SRAEPRQRFWRHWLVTDIKGADLKKGKIQQQELSAYQAPSPPAHS-GFHR
149
                        |||:|||||.....|..|: .|||
Tang Translation  101 SRAEPRQRFWRHWLVTDIKGADLKEGKIQQQELSALPGSLPHRHTVAFHR
150

SEQ ID NO:61:      150 YQFFVYLQEGKVISLL--PKENKTRGSWKMDRFLNRFHLGEPEASTQFMT
197
                        || ..|..|:..|. | :..|.....|...|
Tang Translation  151 YQ-VLCLSSGREKSSLSFPRKTKLEALGKWTF
182

SEQ ID NO:61:      198 QNYQDSPTLQAPRGRASEPKHKTRQR      223
Tang Translation  183                                182
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